

RIGID RECONFIGURABLE FLOATING STRUCTURE

Abstract

A floating structure is assembled from a system of modular interchangeable units, or members that are buoyant and floatable on water. The modular members are pontoon that may have a generally square or rectangular configuration with angularly cut (mitered) corners. Locking assemblies rigidly secure adjacent ones of the modular members together along the pontoons' sidewalls and at corners to prevent the pontoons from moving relative to each other. The modular structure can be used to create a scalable, rigid platform that may be rapidly reconfigured to suit various activities. The size of the components is scalable to allow the system to meet location and size requirements

See Fig. 10.



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